

JAPAN QUALITY MANAGEMENT CERTIFICATE (QC KENTEI) – LEVEL 3 –

~Affirm your company's reputation on high-quality products which have been strictly controlled by professional QA/QC department!~



Do your company's QA/QC departments:

- ◆ Have adequate awareness and clearly know important principles to professionally control the product/service quality?
- ◆ Proficiently use QC tools to inspect and control product quality at each production stage effectively?
- ◆ Be able to detect products & find errors in time, and figure out the optimal solutions to not repeat the same errors?

Japan has always been famous as a world leader in quality management. AIMNEXT would like to introduce to you training related to "Japan Quality Management Certificate (QC Kentei) – Level 3" to help corporations develop stable foundation for quality management, at the same time support QA/QC Department to utilize its important roles in building company's reputation and brand identity.

CONTENT

Part 1. Basic concepts of quality control

- ◆ QC Thinking method
- ◆ Definitions of quality
- ◆ Quality Management
- ◆ Quality Assurance
- ◆ Policy Management & Daily Management
- ◆ QCC
- ◆ QMS

Part 2. Data collection & analysis

- ◆ Types of data
- ◆ Sample and population
- ◆ Method of sampling & measurement uncertainty
- ◆ Basic statistics

Part 3. Process capability index (CPK)

- ◆ In case of specifications with upper and lower limit
- ◆ In case of specifications with only onside limit
- ◆ Standard evaluation of Process capability

Part 4. 7 Quality Control Tools

- ◆ Checksheet
- ◆ Pareto chart
- ◆ Cause-and-effect diagram
- ◆ Scatter diagram
- ◆ Histogram
- ◆ X-R Control chart
- ◆ Other graphs

Part 5. New 7 Quality Control Tools

- ◆ Affinity diagram
- ◆ Interrelationship diagram
- ◆ Tree diagram
- ◆ Matrix diagram
- ◆ Arrow diagram
- ◆ Process Decision Program Chart (PDPC)
- ◆ Matrix data analysis diagram

Part 6. Basis of statistics

- ◆ Probability and probability distribution
- ◆ Normal Distribution and Binomial Distribution

Part 7. Control Chart

- ◆ What is Control chart?
- ◆ Types of control chart
- ◆ Terminology in Control chart
- ◆ How to create Control chart
- ◆ How to analyze Control chart
- ◆ Techniques for Identification of unusual process

Part 8. Correlation analysis

- ◆ Correlation analysis
- ◆ Correlation coefficient

Part 9. Follow up: conduct an online test after 1-month implementation to work

※The above content is subject to change without prior notices

OBJECTIVES



- Raise awareness of quality management and product quality improvement.
- Know how to collect & analyze data, and know how to use QC tools for data visualization and effective quality control and inspection.

TARGET



- ☐ Staff
- ☒ Middle-Management
- ☒ First-line Management
- ☐ Top-Management

METHOD



30% theory, 70% practice through group discussions, presentations, case studies, role-playing, games, etc.



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